Aviation Maintenance Training Continuum System (AMTCS) Software Module

Welcome to the overview of ASM, a Navy enterprise web-based training management tool. ASM was developed to track career technical training and improve the readiness of our deployed forces.

Today, the United States Navy and Marines have over 700,000 personnel that require up-to-date training information before deploying around the world. Just as we rely on the technical competence of those who work on our commercial aircraft, the Navy understands how important ASM is to the safety and mission of naval aviation.

Use of ASM is restricted, so we have created this presentation in order to give a brief tour of ASM. Please contact our help desk if you have questions:
atdcsc@kpt.nuwc.navy.mil (360) 396-4122

Trained personnel, our greatest resource...

ASM is a training management tool that:

- Is a web-based system that manages personnel training requirements
- Supports the identification and completion of job-related tasks
- Tracks career technical training
- Validates knowledge and skills through exams
- Creates training plans
- Was developed using task-based methodologies to:
  - Improve readiness
  - Enhance safety
  - Reduce training and administrative time and costs

Why a Task Based System

Psychologists say our brains can normally comprehend around 7-9 items simultaneously. A project with thousands or even dozens of tasks goes way over our ability to grasp all at once. The task-oriented approach is easy to understand, because we can easily think of projects as a collection of tasks.

Why a Task Based System

The Work Breakdown Structure (WBS) helps break thousands of tasks into chunks that we can understand and assimilate. The WBS was initially developed by the DoD based on application of the systems engineering process. A task-oriented WBS can be developed by beginning with a simple "to-do" list and then clustering the items in a logical way. DoD systems are built using WBS or "parts breakdown structure" and definitions that exist for a DoD system can be used to track training and maintenance.

Master Task Lists

ASM is built upon Master Task Lists (MTL)

- Made from the Parts Breakdown List for an aircraft, a Master Task List is a set of tasks relating to Systems/Subsystems/Components

Master Task Lists correlate to:

- Exam questions and answers
- Training tools
- Occupational fields
- Work Unit Codes (identify functional groupings)
- Collateral Duty Assignments

ASM has major views based on roles:

- Developer- -Fleet Admin- -Management- -Personal-

- QAR (Quality Assurance Representative)- -Work Center -

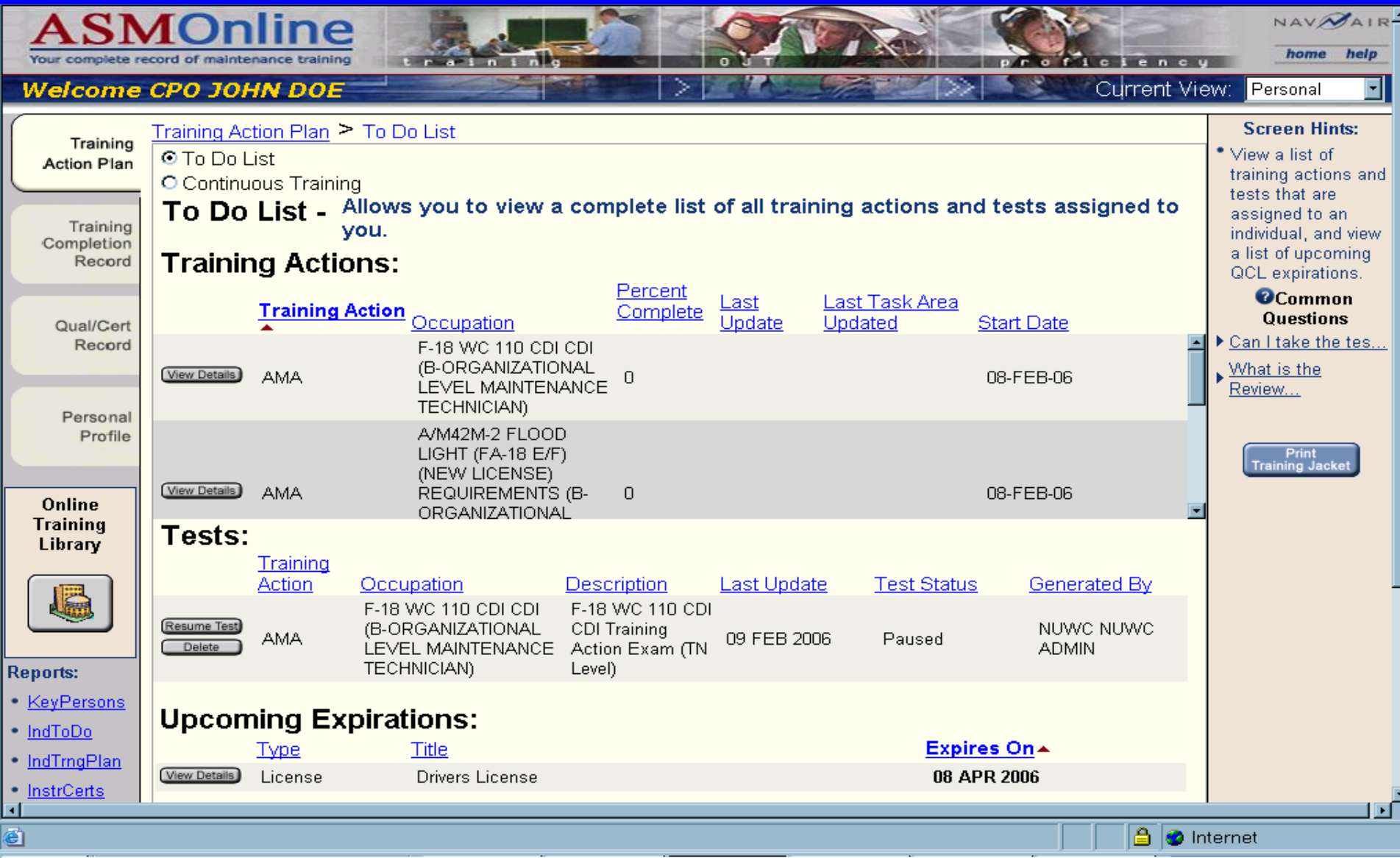
ASMOnline
Your complete record of maintenance training
training
OJT
proficiency
NAVAIR
home help
Welcome CPO JOHN DOE
Current View:
Select View
Select View
Developer
Fleet Admin
Management
Personal
QAR
Work Center
Log Out
Welcome to ASM Online!
ASM is a training management tool that supports the identification and completion of job-related tasks, the tracking of technical training exposure across an individual's military career, and the validation of knowledge and skills in order to plan future training needs.
PRIVACY ACT STATEMENT
AUTHORITY: 5 U.S.C § 301, 10 U.S.C.§§ 5013 & 5031, AND E.0.9397
PRINCIPLE PURPOSE(S): To standardize in-service technical training. To provide personnel career training from initial service entry to the end of their military career.
ROUTINE USE: The information will be used by all levels of command for real time assessment and evaluation of the state of maintenance personnel training.
DISCLOSURE
PRIVACY ACT SENSITIVE - Disclosure on a need-to-know basis only. Privacy Act prohibits release of personal data contained herein. Anyone who makes an UNAUTHORIZED DISCLOSURE MAY BE FINED UP TO $5000. See SECNAVINST 5211.5D and SECNAVINST 5720.42E, enclosure(2), paragraph 6.
Privacy Act Statement. Privacy Act, 1974.
HOME
ASM Version 2.0.19.01
Contact Us
Internet

The “Personal View” is the place where an individual views their personal Training Jacket and their:

- Training Action Plan
- Training Completion Record
- Qualifications, Certifications, & Medical Records
- Personal Profile

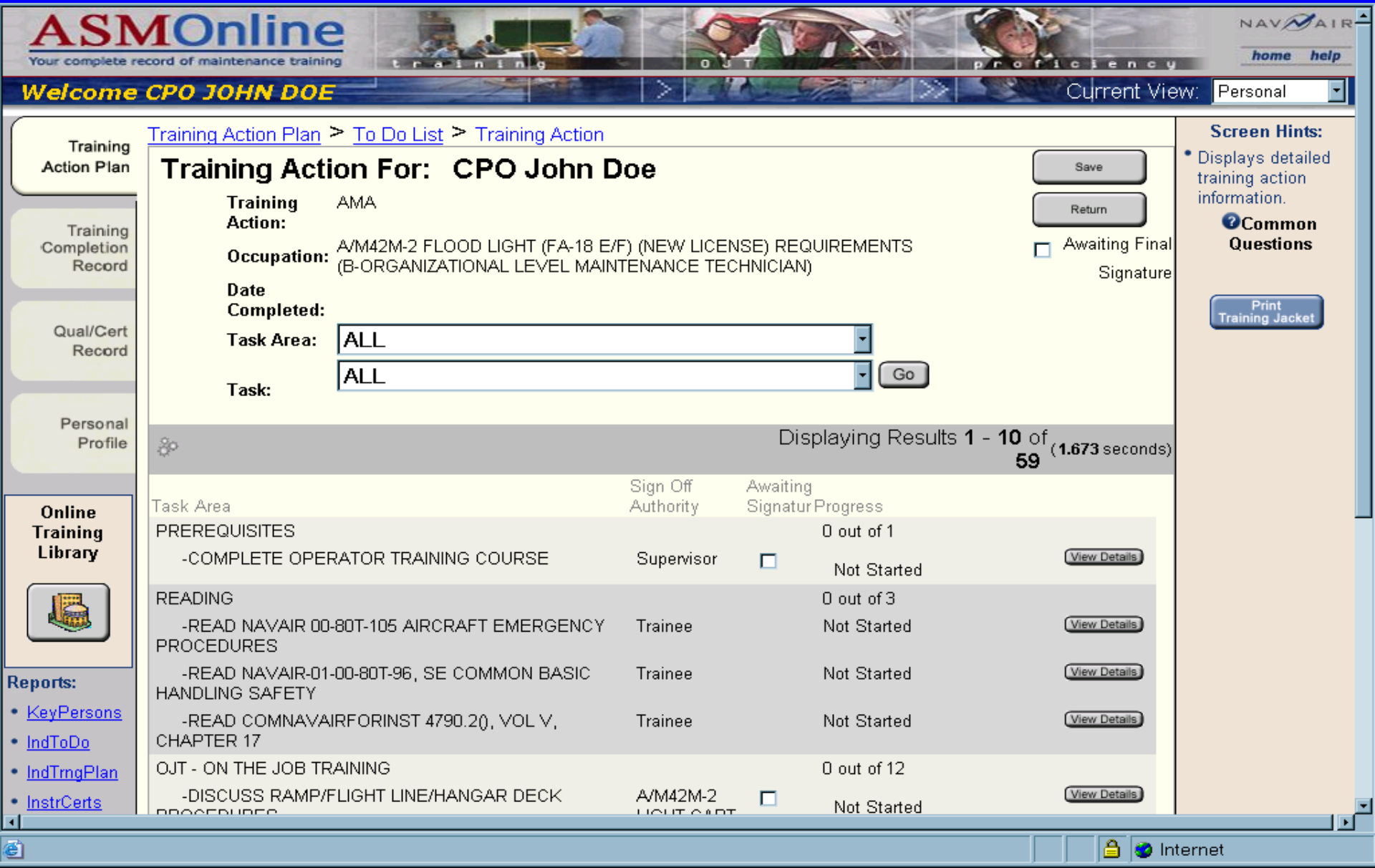
Within the Training Action Plan view is a "To Do List" consisting of

- Assigned Training Actions
- Assigned Exams
- Future expirations



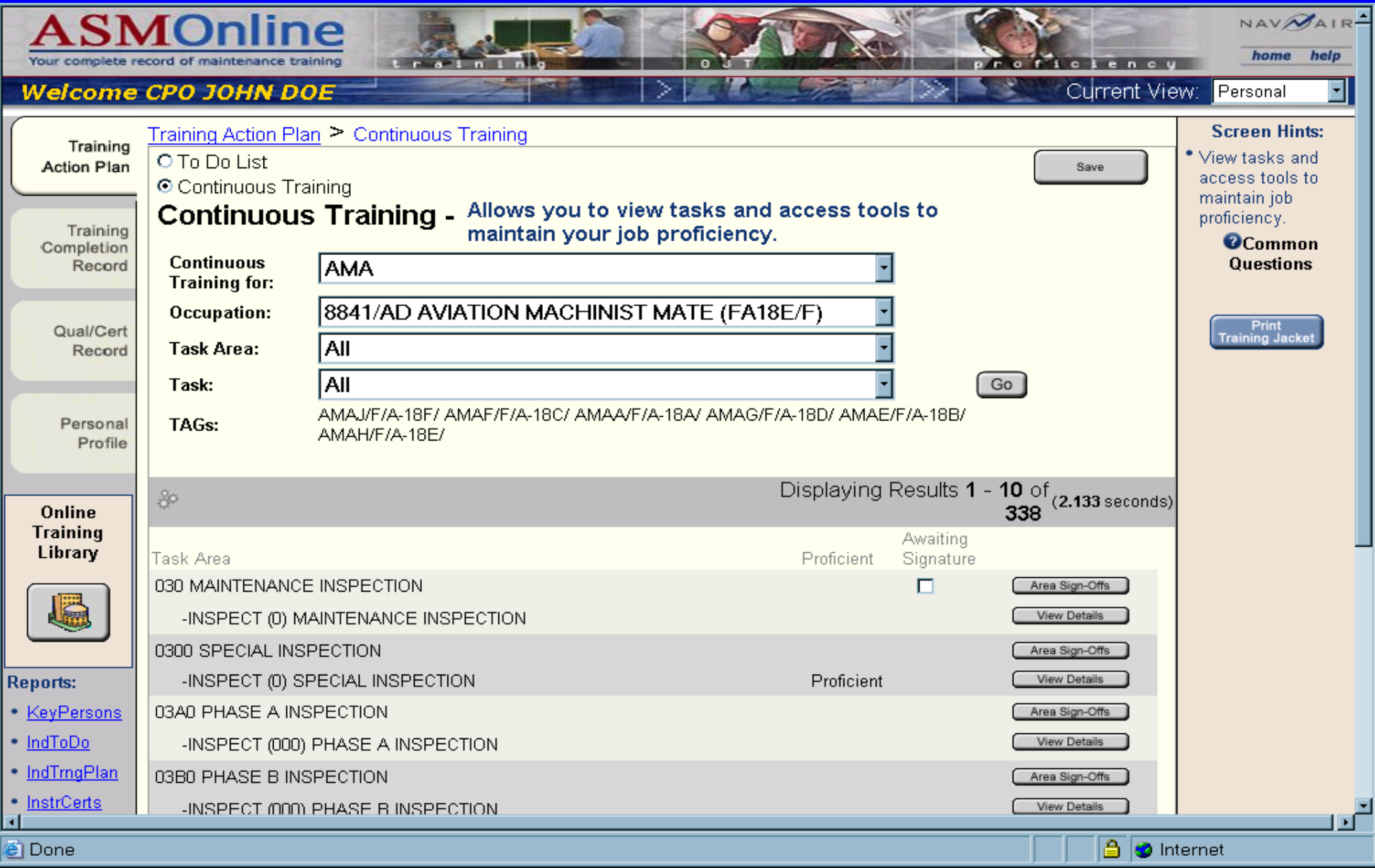
Within Training Action is the “Base Task List” (BTL):

Derived from the Master Task List, the BTL displays the requirements for the assigned Qualification/Certification/License or Training Action…



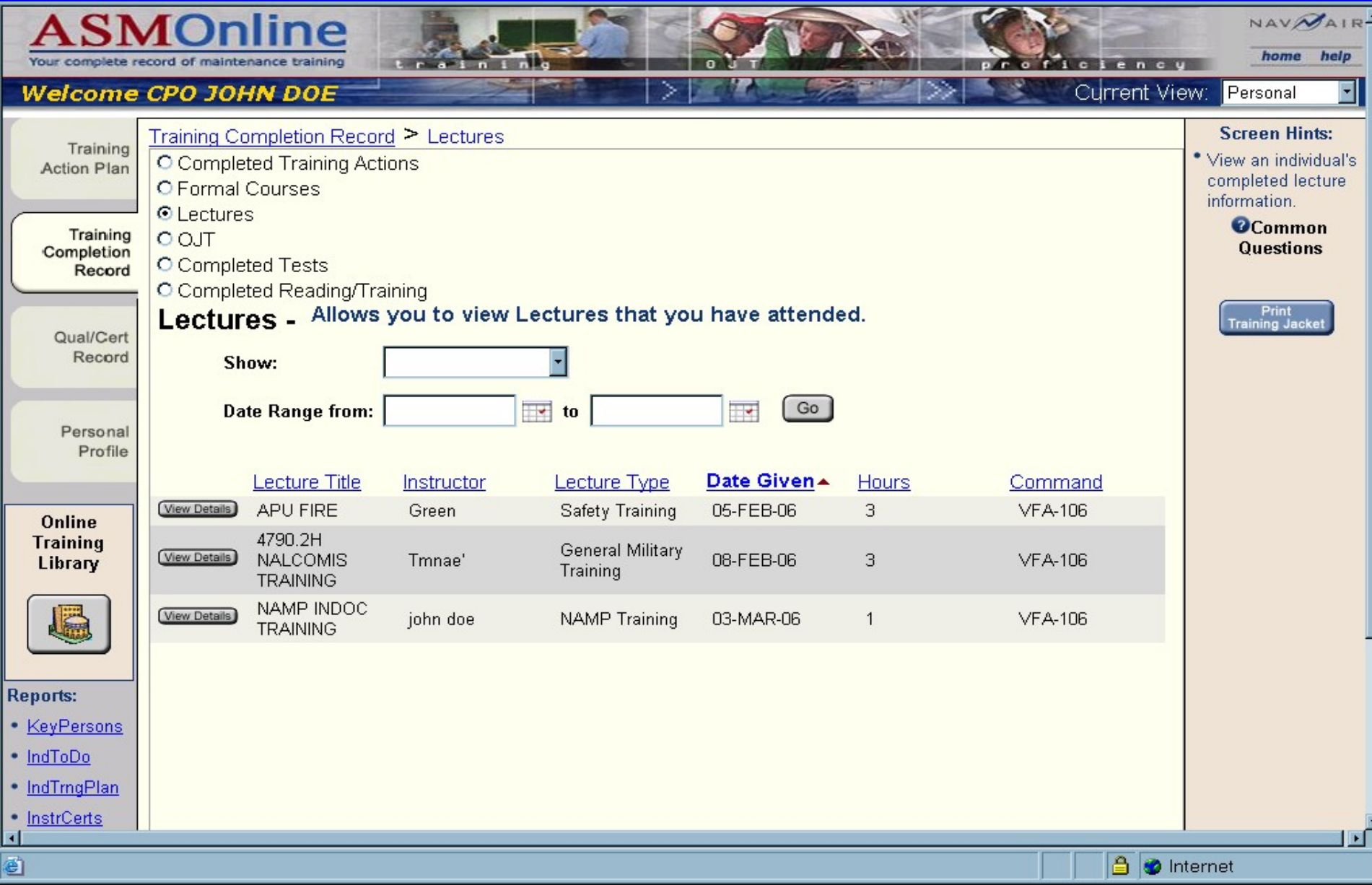
Also within the “Training Action Plan” is “Continuous Training”.

Taken from the Master Task List, this screen creates a task list based on vocation…

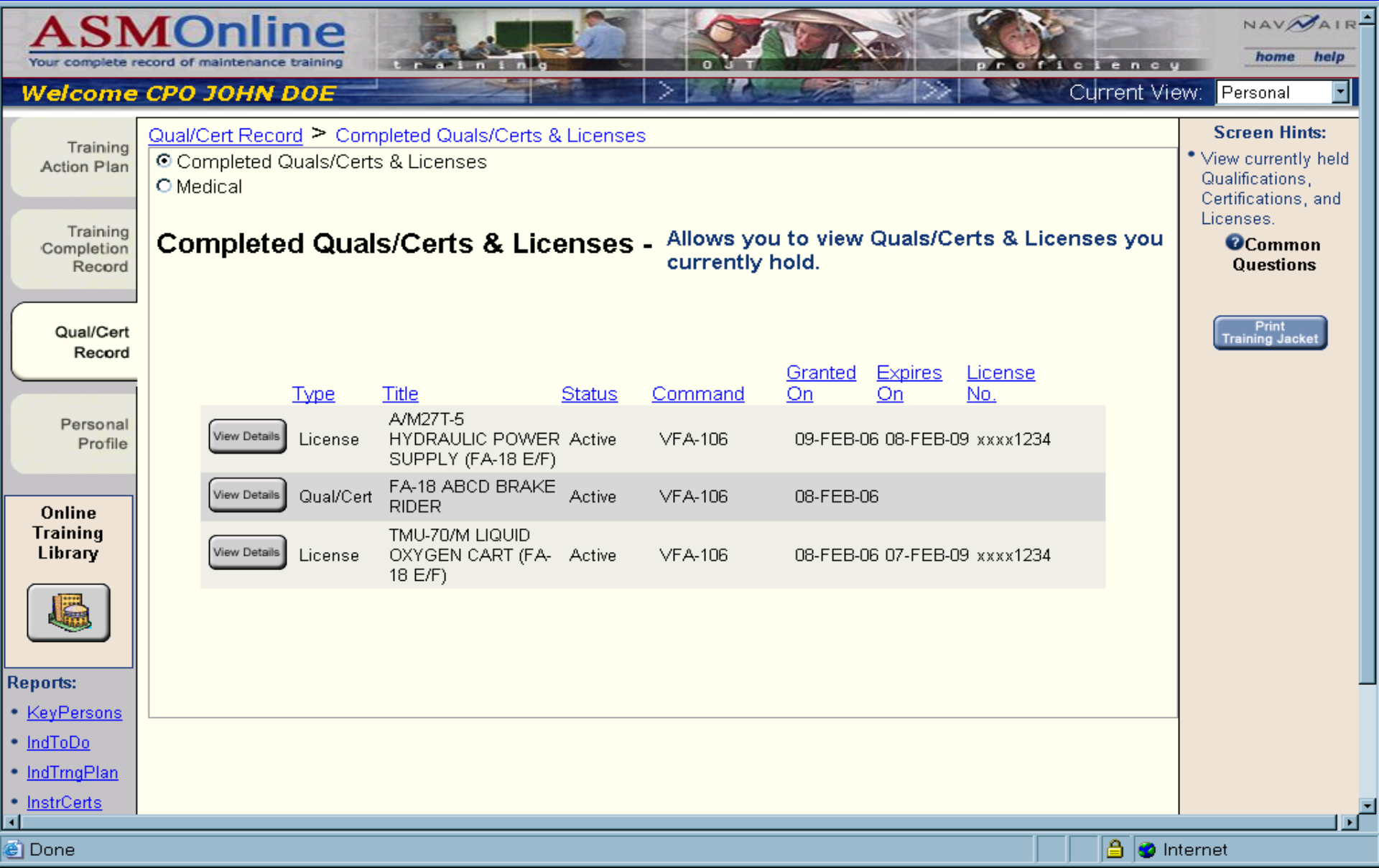


The “Training Completion Record” screen shows completed training:

(Training Actions; Formal Courses; Lectures; On-the-Job-Training; Tests; Reading/Training)

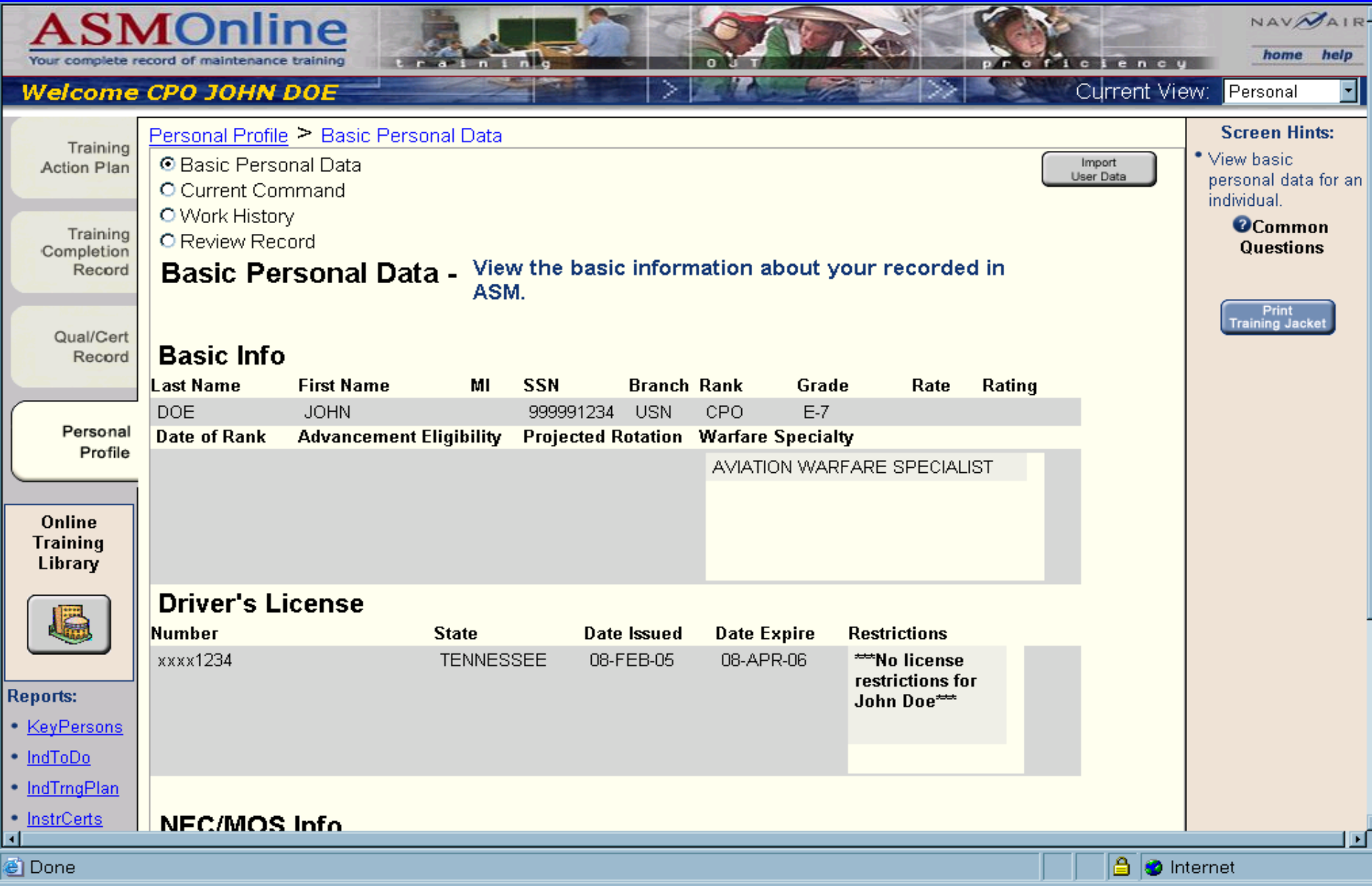


The “Qual/Cert Record” Tab Allows an individual to see the Qualifications, Certifications, Licenses and Medical records that they currently have…

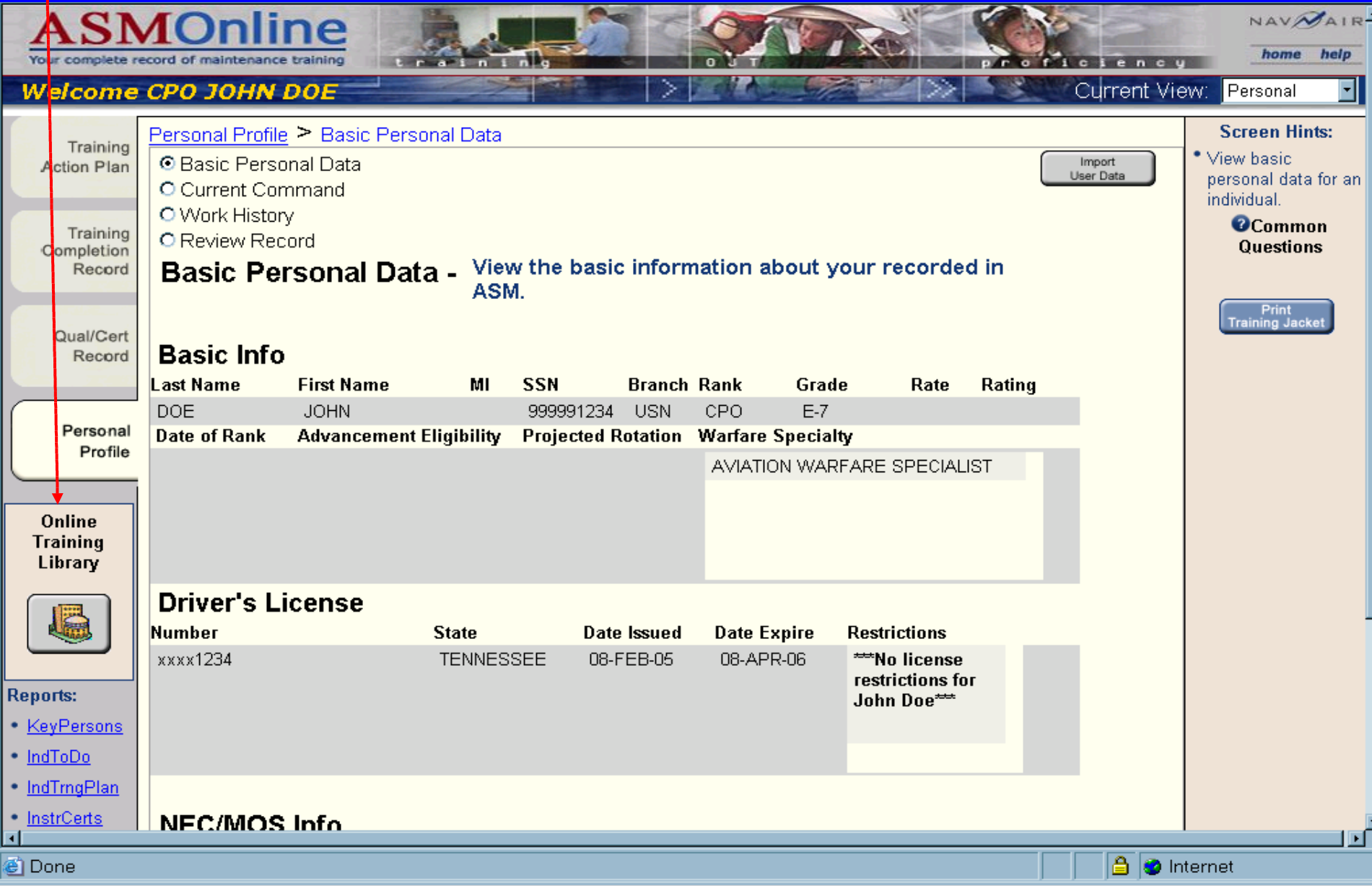


The last screen in the Personal View is the ‘Personal Profile”:

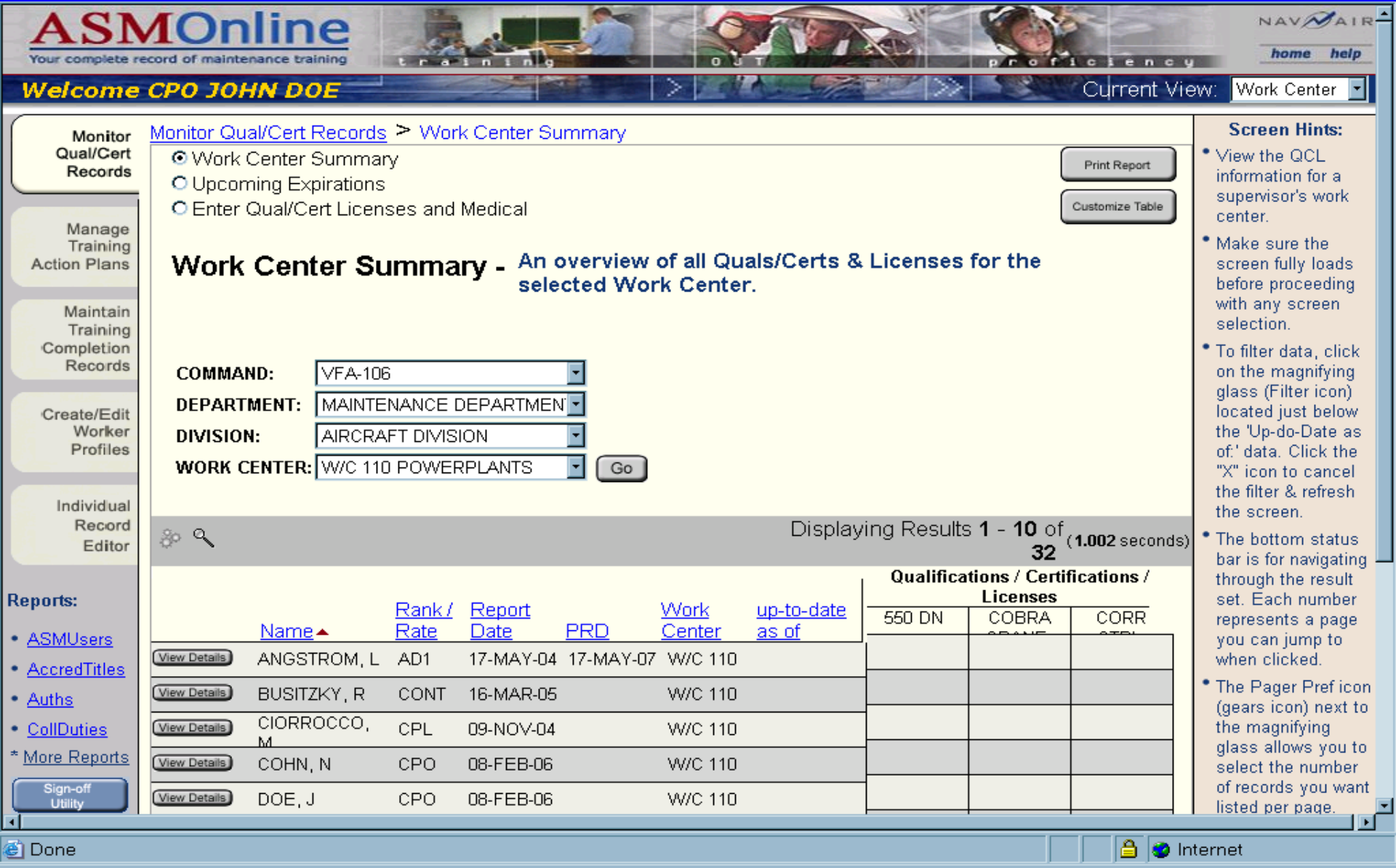
- Basic Personal Data - Current Command - Work History - Review Record -



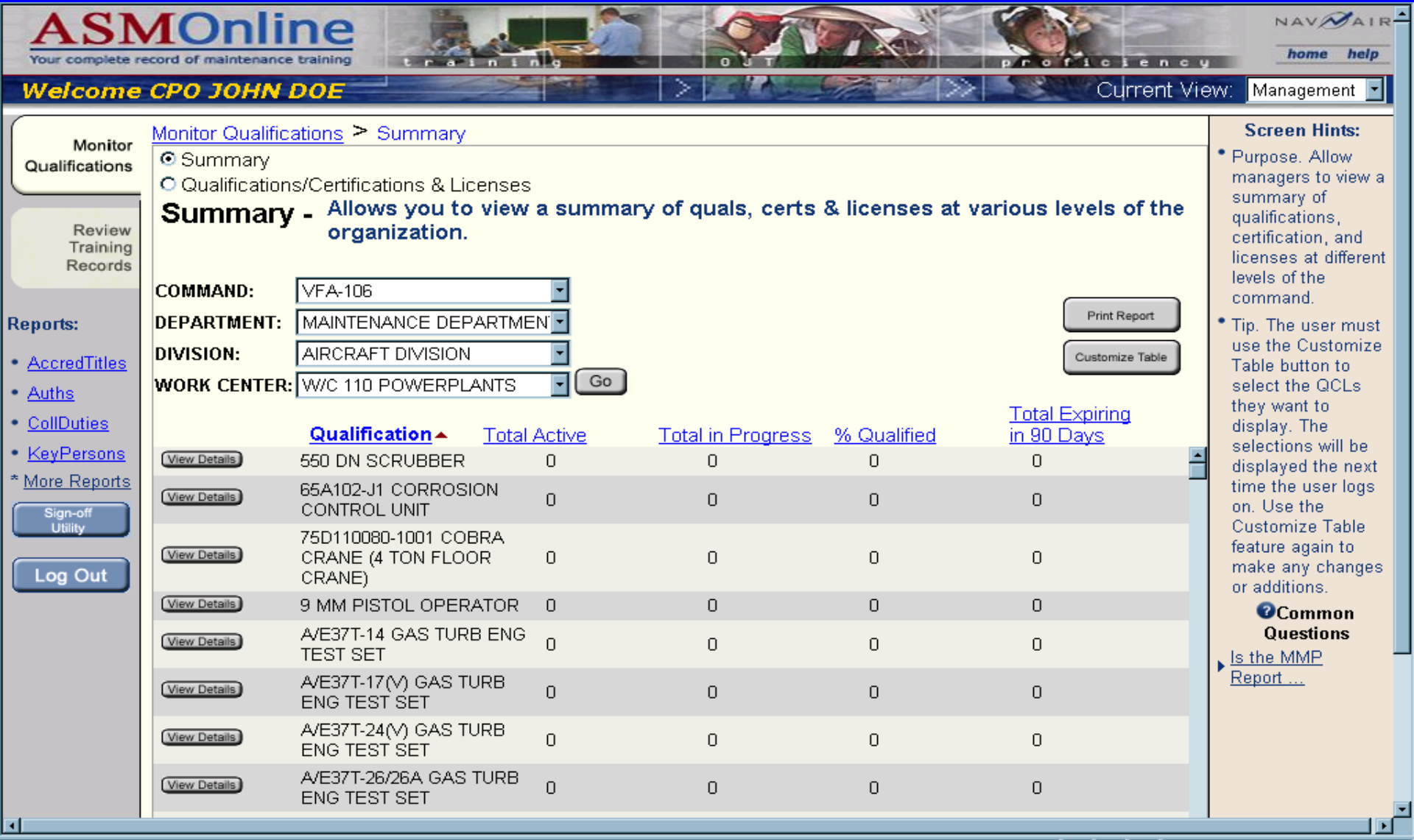
On the lower left hand side of the screen is a link to the "Online Training Library" which brings up an index of available courseware for the individual to select...



In the “Work Center” View, Supervisors can: monitor/add Qualifications, Certifications, Licenses and Medical Records; manage “Training Action Plans” (as seen in the Personal View); maintain training completion records; and edit “Worker Profiles”.


ASMOnline
Your complete record of maintenance training
training
OJT
proficiency
NAVAIR
home help
Welcome CPO JOHN DOE
Current View: Work Center
Monitor Qual/Cert Records
Manage Training Action Plans
Maintain Training Completion Records
Create/Edit Worker Profiles
Individual Record Editor
Reports:
ASMUsers
AccredTitles
Auths
CollDuties
More Reports
Sign-off Utility
Monitor Qual/Cert Records > Work Center Summary
Work Center Summary
Upcoming Expirations
Enter Qual/Cert Licenses and Medical
Print Report
Customize Table
Work Center Summary - An overview of all Quals/Certs & Licenses for the selected Work Center.
COMMAND: VFA-106
DEPARTMENT: MAINTENANCE DEPARTMEN
DIVISION: AIRCRAFT DIVISION
WORK CENTER: W/C 110 POWERPLANTS
Go
Displaying Results 1 - 10 of 32 (1.002 seconds)
Qualifications / Certifications / Licenses
Name
Rank / Rate
Report Date
PRD
Work Center
up-to-date as of
550 DN
COBRA
CORR
View Details
ANGSTROM, L AD1 17-MAY-04 17-MAY-07 W/C 110
BUSITZKY, R CONT 16-MAR-05 W/C 110
CIORROCCO, M CPL 09-NOV-04 W/C 110
COHN, N CPO 08-FEB-06 W/C 110
DOE, J CPO 08-FEB-06 W/C 110
Screen Hints:
View the QCL information for a supervisor's work center.
Make sure the screen fully loads before proceeding with any screen selection.
To filter data, click on the magnifying glass (Filter icon) located just below the 'Up-do-Date as of:' data. Click the "X" icon to cancel the filter & refresh the screen.
The bottom status bar is for navigating through the result set. Each number represents a page you can jump to when clicked.
The Pager Pref icon (gears icon) next to the magnifying glass allows you to select the number of records you want listed per page.
Done
Internet

The "Management" View allows supervisory personnel review all of the Qualifications, Certifications, Licenses, and training records of individuals under their supervision…


ASMOnline
Your complete record of maintenance training
training
OJT
proficiency
NAVAIR
home help
Welcome CPO JOHN DOE
Current View: Management
Monitor Qualifications
Review Training Records
Reports:
AccredTitles
Auths
CollDuties
KeyPersons
More Reports
Sign-off Utility
Log Out
Monitor Qualifications > Summary
Summary
Qualifications/Certifications & Licenses
Summary - Allows you to view a summary of quals, certs & licenses at various levels of the organization.
COMMAND: VFA-106
DEPARTMENT: MAINTENANCE DEPARTMEN
DIVISION: AIRCRAFT DIVISION
WORK CENTER: W/C 110 POWERPLANTS
Go
Print Report
Customize Table
Qualification
Total Active
Total in Progress
% Qualified
Total Expiring in 90 Days
View Details
550 DN SCRUBBER 0 0 0 0
65A102-J1 CORROSION CONTROL UNIT 0 0 0 0
75D110080-1001 COBRA CRANE (4 TON FLOOR CRANE) 0 0 0 0
9 MM PISTOL OPERATOR 0 0 0 0
A/E37T-14 GAS TURB ENG TEST SET 0 0 0 0
A/E37T-17(V) GAS TURB ENG TEST SET 0 0 0 0
A/E37T-24(V) GAS TURB ENG TEST SET 0 0 0 0
A/E37T-26/26A GAS TURB ENG TEST SET 0 0 0 0
Screen Hints:
Purpose. Allow managers to view a summary of qualifications, certification, and licenses at different levels of the command.
Tip. The user must use the Customize Table button to select the QCLs they want to display. The selections will be displayed the next time the user logs on. Use the Customize Table feature again to make any changes or additions.
Common Questions
Is the MMP Report …
Done
Internet
Start
D:\MyDoc…
AMTCS - …
ASM Onl…
ASM_DGA…
untitled - …
4:36PM

Selecting the Sign-Off Utility button while in the “Management View” allows managers to call up tasks that are waiting to be signed off…

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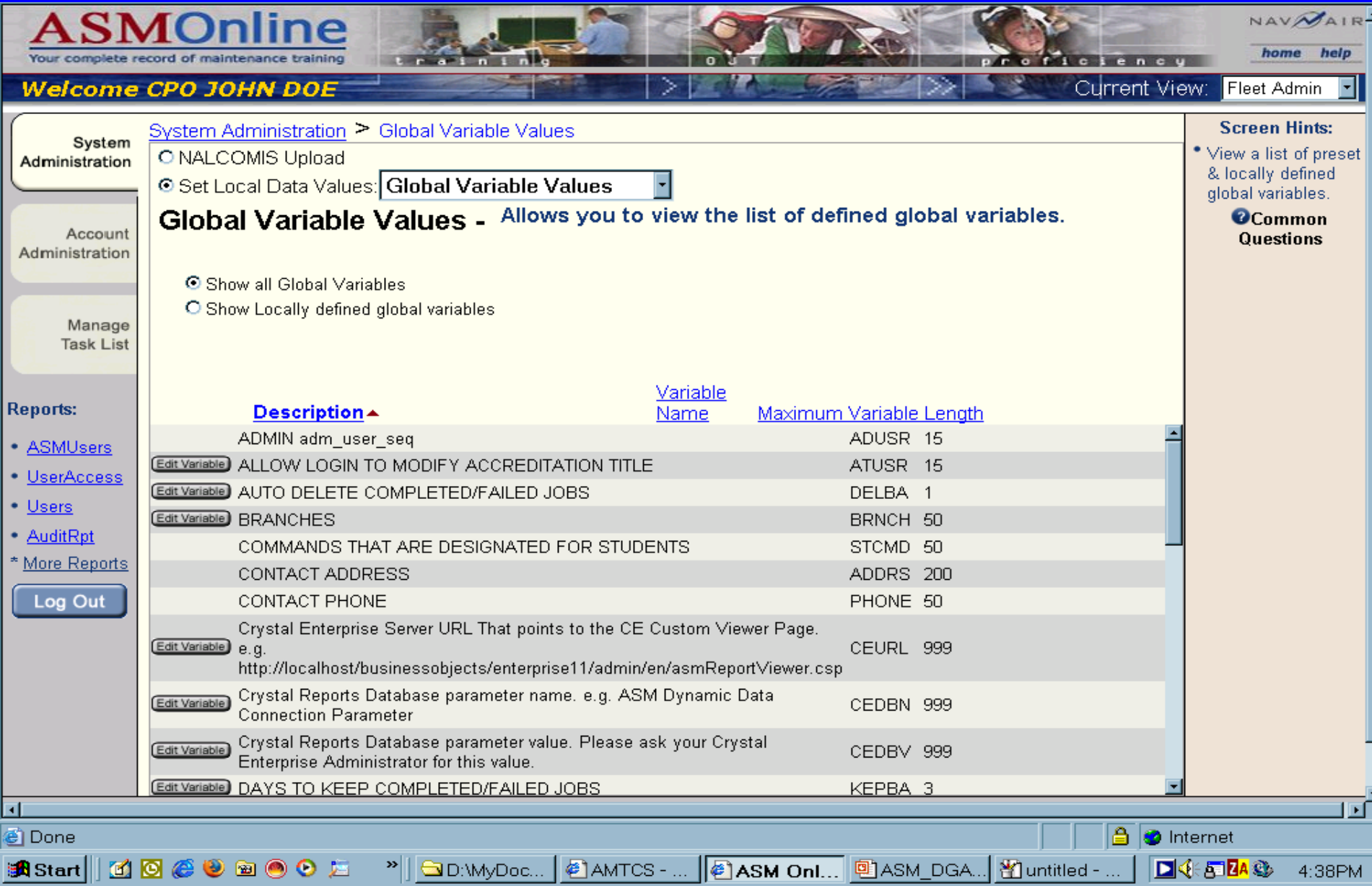
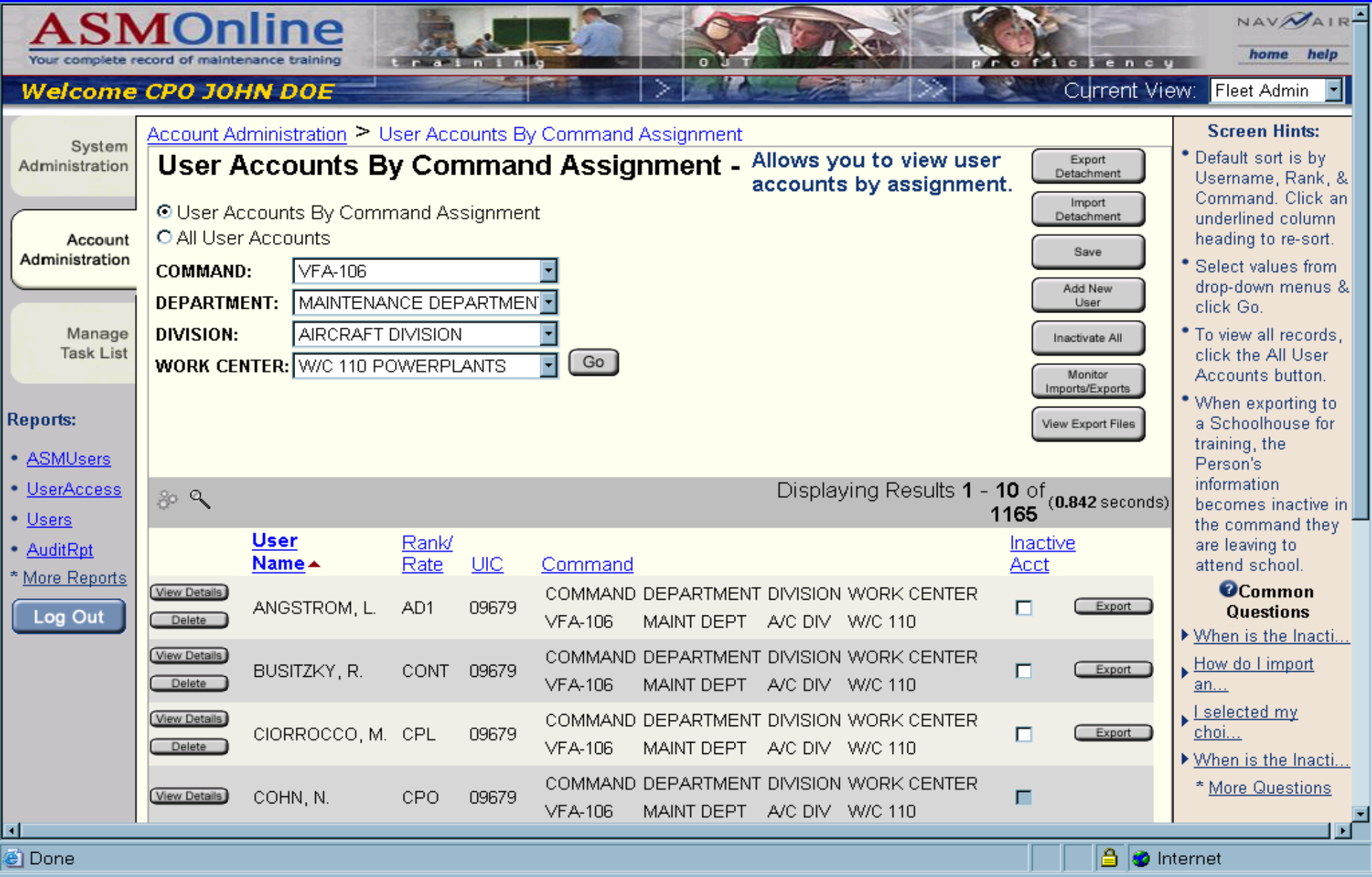
training
OJT
proficiency
NAVAIR
home
help
Welcome SIGNOFF
Current View:
Select View
Log Out
Signer Awaiting Signature List
Signer
Trainee
Signer Awaiting Signature List - Allows the signer to enter his name and call up all training actions awaiting his signature.
Signer Name: DOE, JOHN
Go
Trainees Awaiting Signature
Trainee Name: All
Go
Sign-Off Selected
Trainee Name
SSN Last 4
Training Action
Occupation
Task Description
Sign-Off Authority
Selected
ANDRIOLA, J 7523 C & D ORGANIZATIONAL LEVEL MAINTENANCE (SECTIONS C AND D MATMEP LEVEL II) RECEIVE TRAINING ON Maintenance Data System SUPERVISOR
ANDRIOLA, J 7523 C & D ORGANIZATIONAL LEVEL MAINTENANCE (SECTIONS C AND D MATMEP LEVEL II) RECEIVE TRAINING ON Maintenance Data System, Organizational Maintenance Source Document Procedures SUPERVISOR
ANDRIOLA, J 7523 C & D ORGANIZATIONAL LEVEL MAINTENANCE (SECTIONS C AND D MATMEP LEVEL II) RECEIVE TRAINING ON Naval Aviation Logistics Command Management System (NALCOMIS)/Optimized SUPERVISOR
Screen Hints:
Call up all training actions awaiting a selected supervisors signature.
Common Questions
Internet

From the "Fleet Admin" View and System Administration screen, administrators can upload data and see various values and lists...


ASMOnline
Your complete record of maintenance training
training
OJT
proficiency
NAVAIR
home help
Welcome CPO JOHN DOE
Current View: Fleet Admin
System Administration
Account Administration
Manage Task List
Reports:
ASMUsers
UserAccess
Users
AuditRpt
More Reports
Log Out
System Administration > Global Variable Values
NALCOMIS Upload
Set Local Data Values: Global Variable Values
Global Variable Values - Allows you to view the list of defined global variables.
Show all Global Variables
Show Locally defined global variables
Description
Variable Name
Maximum Variable Length
ADMIN adm_user_seq ADUSR 15
Edit Variable ALLOW LOGIN TO MODIFY ACCREDITATION TITLE ATUSR 15
Edit Variable AUTO DELETE COMPLETED/FAILED JOBS DELBA 1
Edit Variable BRANCHES BRNCH 50
COMMANDS THAT ARE DESIGNATED FOR STUDENTS STCMD 50
CONTACT ADDRESS ADDRS 200
CONTACT PHONE PHONE 50
Edit Variable Crystal Enterprise Server URL That points to the CE Custom Viewer Page. e.g. http://localhost/businessobjects/enterprise11/admin/en/asmReportViewer.csp CEURL 999
Edit Variable Crystal Reports Database parameter name. e.g. ASM Dynamic Data Connection Parameter CEDBN 999
Edit Variable Crystal Reports Database parameter value. Please ask your Crystal Enterprise Administrator for this value. CEDBV 999
Edit Variable DAYS TO KEEP COMPLETED/FAILED JOBS KEPBA 3
Screen Hints:
View a list of preset & locally defined global variables.
Common Questions
Done
Internet
Start
D:\MyDoc...
AMTCS - ...
ASM Onl...
ASM_DGA...
untitled - ...
4:38PM

In the Fleet Admin view, the Account Administration Screen is used to: Export/Import Detachments from the Squadron; Add New Users; and Export Individuals...


ASMOnline
Your complete record of maintenance training
training
OJT
proficiency
NAVAIR
home help
Welcome CPO JOHN DOE
Current View: Fleet Admin
System Administration
Account Administration
Manage Task List
Reports:
ASMUsers
UserAccess
Users
AuditRpt
More Reports
Log Out
Account Administration > User Accounts By Command Assignment
User Accounts By Command Assignment - Allows you to view user accounts by assignment.
User Accounts By Command Assignment
All User Accounts
COMMAND: VFA-106
DEPARTMENT: MAINTENANCE DEPARTMEN
DIVISION: AIRCRAFT DIVISION
WORK CENTER: W/C 110 POWERPLANTS
Go
Export Detachment
Import Detachment
Save
Add New User
Inactivate All
Monitor Imports/Exports
View Export Files
Displaying Results 1 - 10 of 1165 (0.842 seconds)
User Name
Rank/ Rate
UIC
Command
Inactive Acct
View Details
Delete
ANGSTROM, L. AD1 09679 COMMAND DEPARTMENT DIVISION WORK CENTER VFA-106 MAINT DEPT A/C DIV W/C 110
BUSITZKY, R. CONT 09679 COMMAND DEPARTMENT DIVISION WORK CENTER VFA-106 MAINT DEPT A/C DIV W/C 110
CIORROCCO, M. CPL 09679 COMMAND DEPARTMENT DIVISION WORK CENTER VFA-106 MAINT DEPT A/C DIV W/C 110
COHN, N. CPO 09679 COMMAND DEPARTMENT DIVISION WORK CENTER VFA-106 MAINT DEPT A/C DIV W/C 110
Export
Screen Hints:
Default sort is by Username, Rank, & Command. Click an underlined column heading to re-sort.
Select values from drop-down menus & click Go.
To view all records, click the All User Accounts button.
When exporting to a Schoolhouse for training, the Person's information becomes inactive in the command they are leaving to attend school.
Common Questions
When is the Inacti...
How do I import an...
I selected my choi...
When is the Inacti...
More Questions
Done
Internet

By selecting a Report button, ASM generates one of over 80 powerful reports...

1 / 1235 Main Report 100%
OJT Records with no TAG/TAN/TN/Verb Match
Command Structure: VFA-106
Date Range: 01-Jan-05 To 31-Dec-20
ASMOnline
Your complete record of maintenance training

Date of OJT	TAG	UI	TAN	TAN_Description	TN	TN_Description	Code	Verb	Mal Code	Ho
ABABA, TAMSIN AD3 VFA-106										
22-Apr-05	AMAF		46A1	FUEL VENT AND DUMP SYSTEM	N	INTERNAL AIR PRESSURE REGULATOR	R			
27-Apr-05	AMAF		46D1	INTERNAL FUEL STORAGE SYSTEM	2	NO. 4 FUSELAGE TANK (BLADDER TYPE)	R			
29-Apr-05	AMAF		2700	TURBOFAN ENGINES	0	TURBOFAN ENGINES	B			
29-Apr-05	AMAG		2740	F404-GE-( ) ENGINE	0	F404-GE-( ) ENGINE	S			1
29-Apr-05	AMAF		2700	TURBOFAN ENGINES	0	TURBOFAN ENGINES	B			
03-May-05	AMAF		2913	POWER PLANT CONTROL SYSTEM F-18	110	THROTTLE QUADRANT	C			
12-May-05	AMAF		1151	AFT FUSELAGE SECTION	0	AFT FUSELAGE SECTION	A			
05-Jun-05	AMAG		24A8	AUXILIARY POWER UNIT (APU)	400	ACCUMULATOR/START VALVE ASSEMBLY	S			
07-Aug-05	AMAF		46X1	FUEL SYSTEM ASSOCIATED EQUIPMENT	B00	FPU-8/A AIRCRAFT FUEL TANK	Q	INSTALLED		
07-Aug-05	AMAF		46X1	FUEL SYSTEM ASSOCIATED EQUIPMENT	B00	FPU-8/A AIRCRAFT FUEL TANK	0	INSPECT		
08-Aug-05	AMAF		46P1	FUEL THERMAL MANAGEMENT SYSTEM	W	RH FUEL/AIR HEAT EXCHANGER	C	REPAIR		
04-Sep-05	AMAG		41A1	BLEED AIR SYSTEM	100	PRIMARY PRESS REGULATING/SHUTOFF VALVE	R	REMOVE AND REPLACE		
12-Sep-05	AMAG		4621	EXTERNAL FUEL SYSTEM	110	FPU6/A AIRCRAFT FUEL TANK	Q	INSTALLED		
22-Sep-05	AMAG		1151	AFT FUSELAGE SECTION	230	ACCESS COVER NO. 67 RH	C	REPAIR		1
25-Sep-05	AMAF		2747	ENGINE LEVEL COMPONENTS	4	MAIN FUEL CONTROL	R	REMOVE AND REPLACE		
25-Sep-05	AMAF		2747	ENGINE LEVEL COMPONENTS	4	MAIN FUEL CONTROL	R	REMOVE AND REPLACE		
30-Sep-05	AMAF		4611	INTERNAL FUEL SYSTEM	740	WING REFUEL/REFUEL VALVES	C	REPAIR		
02-Oct-05	AMAG		4611	INTERNAL FUEL SYSTEM	550	MOTIVE FLOW/BOOST FUEL PUMP	S	REMOVE AND REINSTALL		
14-Oct-05	AMAG		4611	INTERNAL FUEL SYSTEM	630	FUSELAGE FUEL TANK NO. 3	R	REMOVE AND REPLACE		
29-Dec-05	AMAF		2740	F404-GE-( ) ENGINE	0	F404-GE-( ) ENGINE	B	REPAIR OR REPLACEMENT		
ADAMI, TOBIUS A AE2 W/C 220										
25-Oct-05	AMAJ		4611	INTERNAL FUEL SYSTEM	0	INTERNAL FUEL SYSTEM	S	REMOVE AND REINSTALL		
25-Oct-05	AMAJ		4611	INTERNAL FUEL SYSTEM	0	INTERNAL FUEL SYSTEM	S	REMOVE AND REINSTALL		
26-Oct-05	AMAH		4431	EXTERIOR LIGHTS	0	EXTERIOR LIGHTS	B	REPAIR OR REPLACEMENT		

ASM Online
The Future of Training Readiness

- **Supports Navy Enterprise Initiatives**
- **Currently used by 12,000 Maintenance Professionals**
- **Adapted for use by other groups like the Center for Information Dominance, U.S. Navy Torpedo community, and the Naval Meteorology & Oceanography Professional Development Center**
- **According to a recent survey, ASM saved an estimated time of 60% compared to the old paper based system**